Attorney's Docket No.: P18465

Inventor(s): Sumeet Sandhu

For: An Apparatus and Associated Methods to Perform Space-Frequency Interleaving in a Multicarrier Wireless Communication Channel.

Express Mail Label No. EV325531229US

Date of Deposit: 12/31

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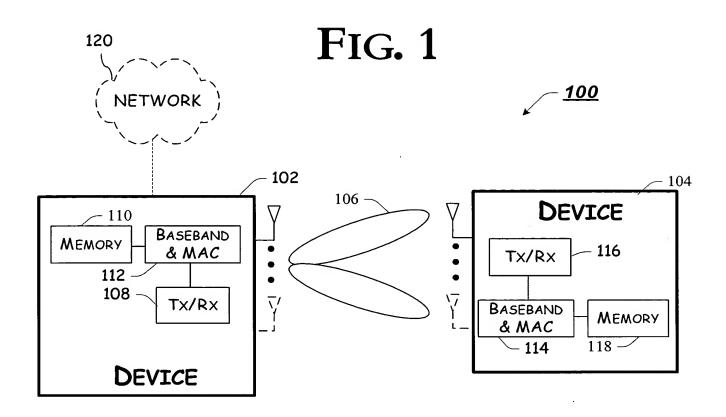
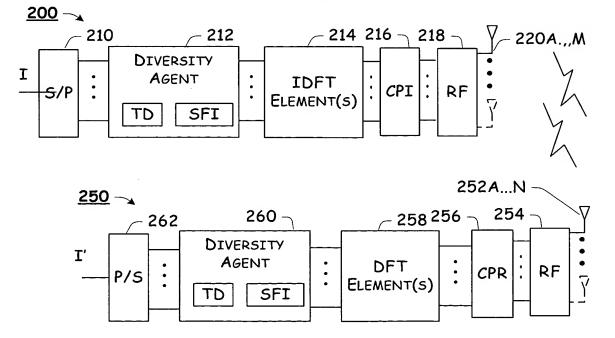
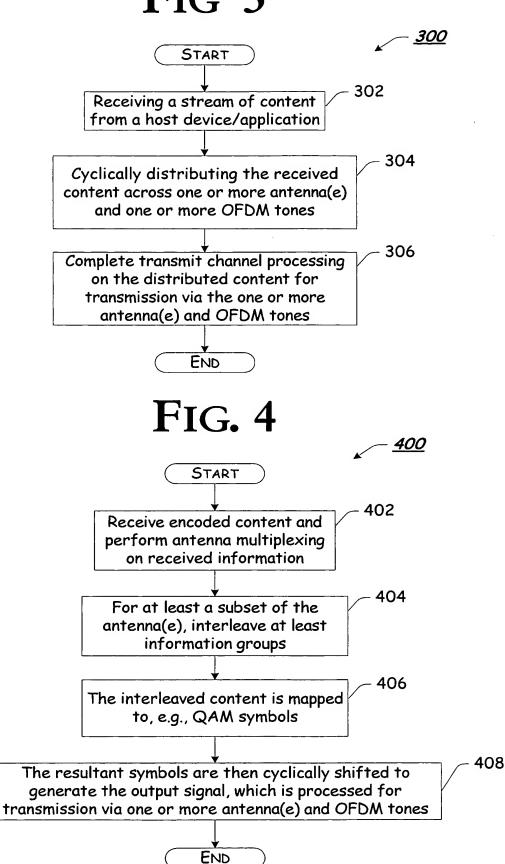


FIG. 2



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Fig 3



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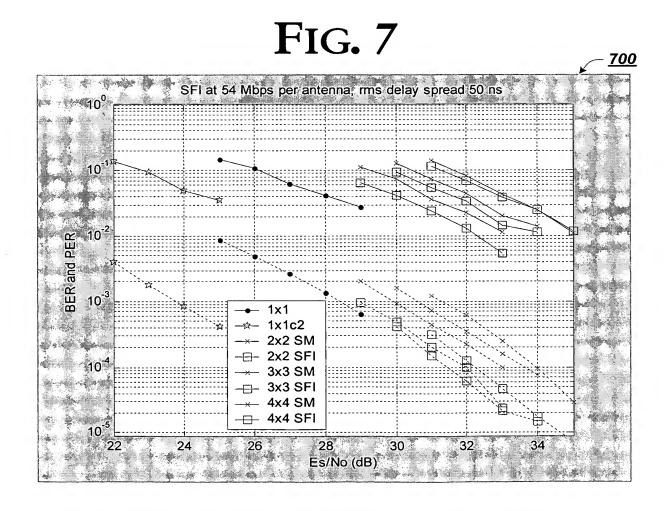
Fig 5

<u>500</u>

FIG. 6

600

$$\begin{bmatrix}
 \begin{bmatrix} [b_1, b_5] & [b_9, b_{13}] & [b_{17}, b_{21}] \\ [b_{18}, b_{22}] & [b_2, b_6] & [b_{10}, b_{14}]
\end{bmatrix}_1 \begin{bmatrix}
 \begin{bmatrix} [b_3, b_7] & [b_{11}, b_{15}] & [b_{19}, b_{23}] \\ [b_{20}, b_{24}] & [b_4, b_8] & [b_{12}, b_{16}]
\end{bmatrix}_2
\end{bmatrix}$$



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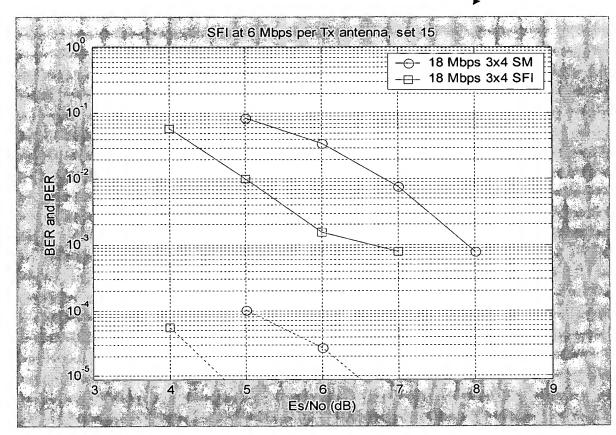
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FIG 8

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<u>800</u>





STORAGE MEDIUM

902

CONTENT TO IMPLEMENT AT LEAST A SUBSET OF CLAIMED **FEATURES**

- <u>900</u>